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ABSTRACT

The 10 tables in this report present data on projected enrollments in Florida community colleges between 1996-97 and 2003-04, resulting from the recent baby "boomlet." The tables present the following data: actual and projected public high school graduates in the state, 1993-94 through 2002-03; the projected impact of the boomlet on full-time equivalent (FTE) and headcount enrollment in the community colleges, 1996-97 through 2003-04; actual and projected high school graduates expected by college, 1993-94 through 2003-04; actual and projected FTE by college, 1994-95 through 2003-04; projected change in FTE by year and by college, 1996-97 through 2003-04; the cumulative effect of the boomlet on FTE by college, using 1994-95 as a base year and calculating through 2003-04; projected headcount by college, 1996-97 through 2003-04; and projected change and cumulative effect in headcount by college, using 1994-95 as a base year and calculating through 2003-04. Highlighted findings suggest that by 2003-04 the system will be producing 6,000 more FTE per year and serving 12,000 more in headcount than at present, with a cumulative effect of over 27,000 FTE and 50,000 headcount enrollments. (BCY)

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State Board of Community Colleges

Research Note

RN-01.v2 September 12, 1996

Projected Impact of the Baby Boomlet

Introduction

The much heralded baby boomlet is poised on the doorstep of higher education. Florida's Department of Education high school graduation projections indicated an increase of approximately thirty thousand between 1995-96 and 2002-2003 - from 90,392 to 125,227. These students will produce many of the community college system's first-time-in-college (FTIC) enrollments for 1996-97 to 2003-2004.

Method

The attached pages present the results of the State Board of Community College's projections of the impact of this boomlet on both the FTE and headcount of the system. Also included are tables indicating these same projections for each college. The FTE projections are based upon the 1994-95 FTE generated for each college by prior year graduates from public high schools. It was assumed that the same relationship between the number of previous year high school graduates and the number of current year FTE would hold for future years. The headcount projections are based upon the percent of previous year high school graduates enrolled during the current year as reported in the SBCC Accountability Report for 1995, Measure 1. Again, it was assumed that this same relationship would hold for future years.

Results

The results of this process indicate that by 2003-2004, the system will be producing over six thousand more FTE than it does now. The cumulative impact over the eight years of

projections is slightly over 27,000 FTE. If a conservative estimate of fifty percent is used for a second year of enrollment, the total cumulative impact of these 139,000 additional high school graduates will be slightly more than 40,500 FTE.

The results for headcount indicate that by 2003-2004, the system will be serving an additional twelve thousand students compared to the current number just from the increase in high school graduation. The cumulative impact for the eight projected years is 50,000 additional students.

Limitations

The high school graduation counts are limited to public high schools only. No effort was made to determine the corresponding trend in private high school graduates. These high school projections were produced in 1995 using what is known as a steady state model, i.e., the forces in effect at the time of the projections will remain in effect. Any changes in legislation that might impact graduation rates, such as raising the required high school graduation GPA from a 1.5 to a 2.0, would obviously change the projections.

Conclusions

The projected baby boomlet will have an impact on both the number of incoming FTIC's and the FTE's generated. However, at the system level, that effect will be minimal since the projected change is less than 6,000 FTE for any one year, except 2003-04. That number of FTE is dwarfed by the system's overall FTE of approximately 195,000. The same can be said for the changes in headcount. The real impact will be felt on individual college campuses such as Broward, Edison and Pasco-Hernando that have a high percentage of their FTE generated by prior year high school graduates.

Produced by the Office of Educational Services and Research, Division of Community Colleges
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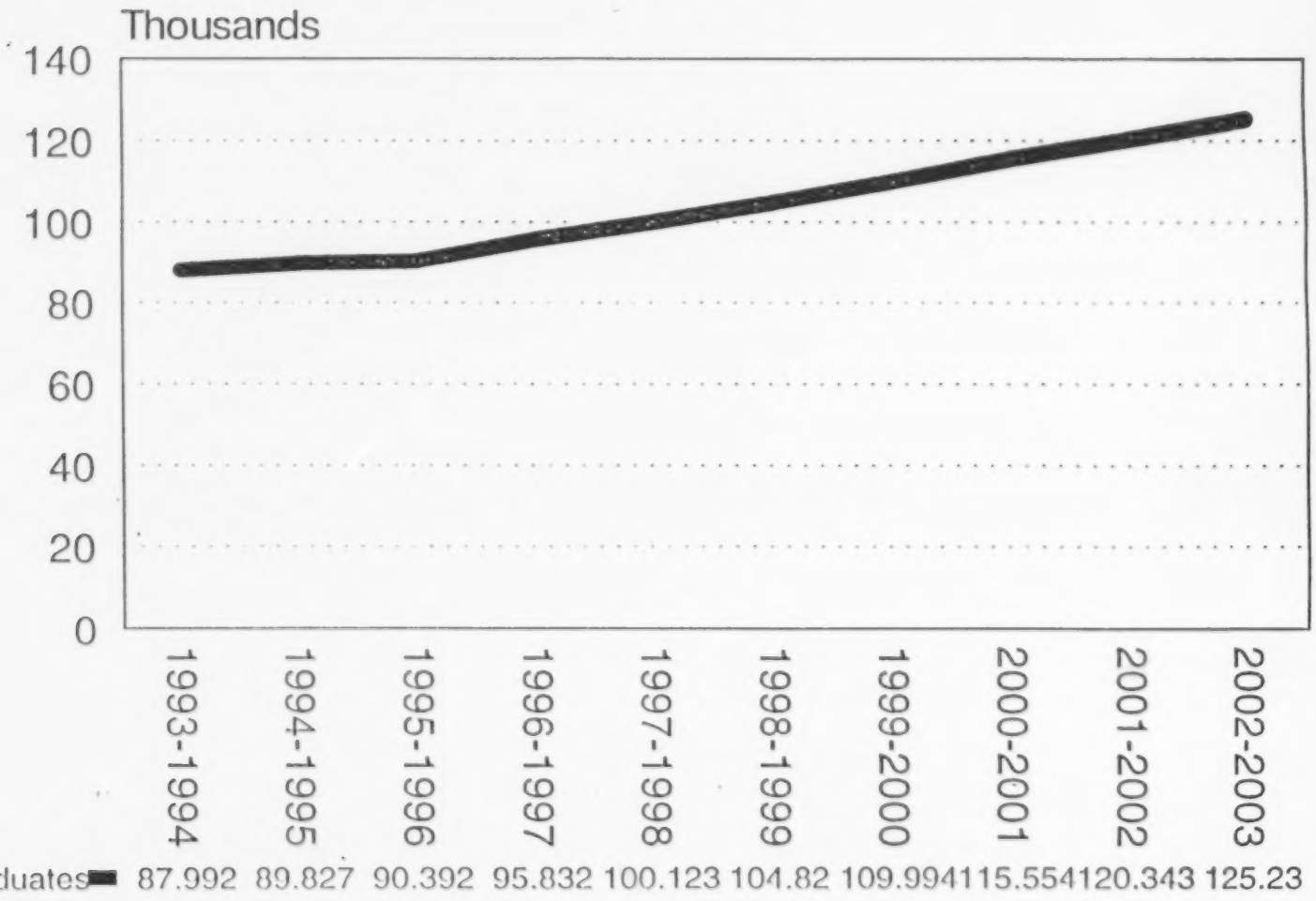
Public High School Graduates

Actual and Projected



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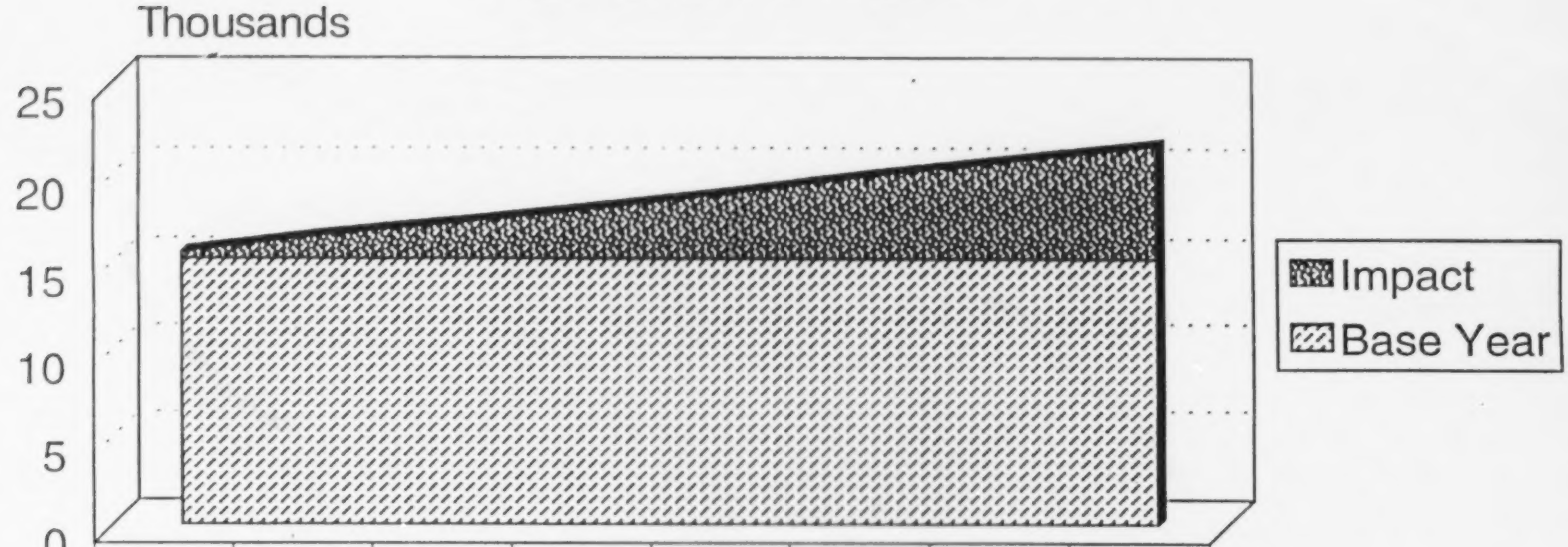
Projected Impact of the Baby Boomlet

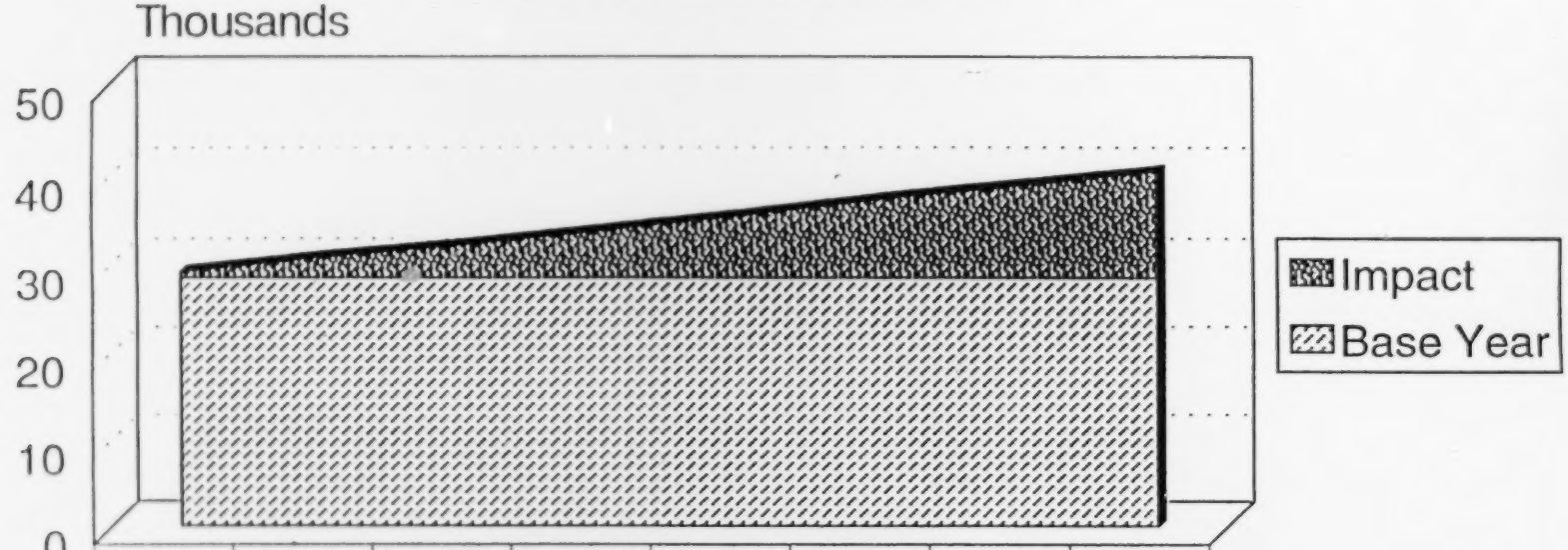


	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004
Impact	0.4	1.324	2.056	2.881	3.764	4.716	5.514	6.334
Base Year	15.242	15.242	15.242	15.242	15.242	15.242	15.242	15.242

FTE

Source: Page 4 of Tables

Projected Impact of the Baby Boomlet



	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2003
Impact	0.694	2.376	3.718	5.276	6.962	8.802	10.301	11.859
Base Year	28.416	28.416	28.416	28.416	28.416	28.416	28.416	28.416

Headcount

Source: Page 7 of Tables

Division of Community Colleges
Office of Educational Services and Research
Actual and Projected High School Graduates

College	93-94	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03
Brevard	2692	2922	3241	3390	3584	3782	3992	4113	4499
Broward	7149	8228	9054	9060	9674	10375	11028	11660	12280
Central Florida	2087	2241	2430	2580	2665	2763	2976	3074	3268
Chipola	970	962	991	1099	1131	1075	1093	1072	1070
Daytona Beach	2567	2801	2950	3115	3229	3325	3522	3723	3891
Edison	4084	4337	4819	5027	5149	5467	5696	5883	6224
Florida CC @ Jacksonville	4704	4878	5185	5363	5559	5703	5902	6089	6266
Florida Keys	358	358	363	406	423	460	472	519	528
Gulf Coast	1240	1294	1360	1398	1503	1582	1640	1635	1710
Hillsborough	5654	5271	5450	5868	6078	6409	6768	7003	7057
Indian River	2230	2481	2647	2751	2860	2956	3066	3257	3626
Lake City	774	816	873	943	987	1031	1018	1093	1077
Lake-Sumter	1203	1187	1262	1263	1336	1382	1487	1568	1599
Manatee	2548	2507	2570	2806	3073	3251	3352	3365	3584
Miami-Dade	14369	14702	14972	15267	16084	17316	18666	19410	19983
North Florida	835	823	831	913	914	892	972	952	920
Okaloosa-Walton	1914	1792	2031	2105	2149	2226	2388	2459	2505
Palm Beach	5366	5137	5402	5918	6384	6819	7273	7673	8361
Pasco-Hernando	2360	2563	2656	2796	2987	3190	3293	3559	3776
Pensacola	2985	2980	3094	3214	3367	3352	3456	3648	3569
Polk	2839	2739	2827	2979	3143	3314	3462	3573	3638
St. Johns	2199	2310	2428	2574	2757	2813	2871	3001	3140
St. Petersburg	4728	4347	4600	4909	5081	5264	5439	5566	5828
Santa Fe	1379	1345	1395	1471	1515	1566	1602	1651	1664
Seminole	2661	2478	2584	2710	2750	2762	2847	2936	2937
South Florida	734	773	833	934	928	948	973	1030	1081
Tallalhasse	1704	1722	1869	1957	2064	2170	2206	2288	2245
Valencia	5659	6398	7116	7310	7543	7796	8095	8542	8901
System Totals	87992	90392	95833	100126	104917	109989	115555	120342	125227

Data Source: Department of Education

Division of Community Colleges
Office of Educational Services and Research
FTE - Actual and Projected

College	94-95	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04
Brevard	596	647	718	751	793	837	884	911	996
Broward	1036	1192	1312	1313	1402	1503	1598	1690	1780
Central Florida	361	388	420	446	461	478	515	532	565
Chipola	221	219	226	250	258	245	249	244	244
Daytona Beach	293	320	337	356	369	380	402	425	444
Edison	558	593	658	687	704	747	778	804	850
Florida CC @ Jacksonville	657	681	724	749	776	797	824	850	875
Florida Keys	34	34	34	39	40	44	45	49	50
Gulf Coast	327	341	359	369	396	417	432	431	451
Hillsborough	766	714	738	795	823	868	917	949	956
Indian River	429	477	509	529	550	569	590	627	698
Lake City	192	202	217	234	245	256	253	271	267
Lake-Sumter	147	145	154	154	163	169	182	192	195
Manatee	470	462	474	518	567	600	618	621	661
Miami-Dade	2980	3049	3105	3166	3336	3591	3871	4025	4144
North Florida	119	117	118	130	130	127	139	136	131
Okaloosa-Walton	323	302	343	355	363	376	403	415	423
Palm Beach	802	768	807	885	954	1019	1087	1147	1250
Pasco-Hernando	291	316	327	345	368	393	406	439	466
Pensacola	500	499	518	538	564	561	579	611	598
Polk	401	387	399	421	444	468	489	505	514
St. Johns	215	226	237	252	270	275	281	293	307
St. Petersburg	907	834	882	942	975	1010	1043	1068	1118
Santa Fe	675	658	683	720	742	767	784	808	815
Seminole	320	298	311	326	331	332	342	353	353
South Florida	129	136	146	164	163	167	171	181	190
Tallahassee	441	446	484	506	534	562	571	592	581
Valencia	1052	1189	1323	1359	1402	1449	1505	1588	1655
System Totals	15242	15642	16566	17298	18123	19006	19958	20756	21576

Data Source: Actual FTE - SBCC, FTE-3, 1994-95

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Division of Community Colleges
Office of Educational Services and Research
FTE Impact - Change from Previous Year - Actual and Projected

College	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04
Brevard	51	71	33	43	44	46	27	85
Broward	156	120	1	89	102	95	92	90
Central Florida	27	33	26	15	17	37	17	34
Chipola	-2	7	25	7	-13	4	-5	0
Daytona Beach	27	17	19	13	11	22	23	19
Edison	35	66	28	17	43	31	26	47
Florida CC @ Jacksonville	24	43	25	27	20	28	26	25
Florida Keys	0	0	4	2	4	1	4	1
Gulf Coast	14	17	10	28	21	15	-1	20
Hillsborough	-52	24	57	28	45	49	32	7
Indian River	48	32	20	21	18	21	37	71
Lake City	10	14	17	11	11	-3	19	-4
Lake-Sumter	-2	9	0	9	6	13	10	4
Manatee	-8	12	44	49	33	19	2	40
Miami-Dade	69	56	61	169	256	280	154	119
North Florida	-2	1	12	0	-3	11	-3	-5
Okaloosa-Walton	-21	40	12	7	13	27	12	8
Palm Beach	-34	40	77	70	65	68	60	103
Pasco-Hernando	25	11	17	24	25	13	33	27
Pensacola	-1	19	20	26	-3	17	32	-13
Polk	-14	12	21	23	24	21	16	9
St. Johns	11	12	14	18	5	6	13	14
St. Petersburg	-73	49	59	33	35	34	24	50
Santa Fe	-17	24	37	22	25	18	24	6
Seminole	-22	13	15	5	1	10	11	0
South Florida	7	11	18	-1	4	4	10	9
Tallahassee	5	38	23	28	27	9	21	-11
Valencia	137	133	36	43	47	56	83	67
System Totals	400	924	732	825	883	952	798	821

Division of Community Colleges
Office of Educational Services and Research
Cumulative FTE Impact - Change from Base Year - 94-95 - Actual and Projected

College	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04
Brevard	51	122	155	197	241	288	315	400
Broward	156	276	277	366	467	562	654	744
Central Florida	27	59	85	100	117	154	171	204
Chipola	-2	5	29	37	24	28	23	23
Daytona Beach	27	44	63	76	87	109	132	151
Edison	35	100	129	146	189	220	246	292
Florida CC @ Jacksonville	24	67	92	119	140	167	193	218
Florida Keys	0	0	5	6	10	11	15	16
Gulf Coast	14	32	42	69	90	105	104	124
Hillsborough	-52	-28	29	57	102	151	183	190
Indian River	48	80	100	121	140	161	198	269
Lake City	10	25	42	53	64	61	79	75
Lake-Sumter	-2	7	7	16	22	35	45	48
Manatee	-8	4	48	97	130	148	151	191
Miami-Dade	69	125	186	356	611	891	1045	1164
North Florida	-2	-1	11	11	8	20	17	12
Okaloosa-Walton	-21	20	32	40	53	80	92	100
Palm Beach	-34	5	83	152	217	285	345	448
Pasco-Hernando	25	36	54	77	102	115	148	175
Pensacola	-1	18	38	64	61	79	111	98
Polk	-14	-2	20	43	67	88	104	113
St. Johns	11	22	37	55	60	66	78	92
St. Petersburg	-73	-25	35	68	103	136	161	211
Santa Fe	-17	8	45	67	92	109	133	140
Seminole	-22	-9	6	11	12	22	33	33
South Florida	7	17	35	34	38	42	52	61
Tallahassee	5	43	65	93	121	130	151	140
Valencia	137	271	307	350	397	453	536	603
System Totals	400	1324	2056	2881	3764	4716	5514	6334

Division of Community Colleges
Office of Educational Services and Research
Projected Headcount

College	% Enrolled 92-93	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04
Brevard	0.4251	1242	1378	1441	1524	1608	1697	1748	1913
Broward	0.2868	2360	2597	2598	2775	2976	3163	3344	3522
Central Florida	0.3061	686	744	790	816	846	911	941	1000
Chipola	0.3695	355	366	406	418	397	404	396	395
Daytona Beach	0.1926	539	568	600	622	640	678	717	749
Edison	0.2560	1110	1234	1287	1318	1400	1458	1506	1593
Florida CC @ Jacksonville	0.2793	1362	1448	1498	1553	1593	1648	1701	1750
Florida Keys	0.2191	78	80	89	93	101	103	114	116
Gulf Coast	0.3941	510	536	551	592	623	646	644	674
Hillsborough	0.2954	1557	1610	1733	1795	1893	1999	2069	2085
Indian River	0.3321	824	879	914	950	982	1018	1082	1204
Lake City	0.2975	243	260	281	294	307	303	325	320
Lake-Sumter	0.2353	279	297	297	314	325	350	369	376
Manatee	0.3225	809	829	905	991	1048	1081	1085	1156
Miami-Dade	0.4304	6328	6444	6571	6923	7453	8034	8354	8601
North Florida	0.2193	180	182	200	200	196	213	209	202
Okaloosa-Walton	0.3293	590	669	693	708	733	786	810	825
Palm Beach	0.3109	1597	1679	1840	1985	2120	2261	2386	2599
Pasco-Hernando	0.2213	567	588	619	661	706	729	788	836
Pensacola	0.3632	1082	1124	1167	1223	1217	1255	1325	1296
Polk	0.2952	809	835	879	928	978	1022	1055	1074
St. Johns	0.1970	455	478	507	543	554	566	591	619
St. Petersburg	0.3827	1664	1760	1879	1944	2015	2082	2130	2230
Santa Fe	0.4639	624	647	682	703	726	743	766	772
Seminole	0.2202	546	569	597	606	608	627	647	647
South Florida	0.2904	224	242	271	269	275	283	299	314
Tallahassee	0.3586	618	670	702	740	778	791	820	805
Valencia	0.2924	1871	2081	2137	2206	2280	2367	2498	2603
System Totals	0.3224	29110	30793	32135	33692	35378	37219	38717	40276

Data Source: SBCC Accountability Measure 1, Part 1, Florida Community College Data Reports for 1995

Division of Community Colleges
Office of Educational Services and Research
Projected Change in Headcount Enrollment from Base Year

College	Base Year 94-95	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04
Brevard	1144	98	136	63	82	84	89	51	164
Broward	2050	309	237	2	176	201	187	181	178
Central Florida	639	47	58	46	26	30	65	30	59
Chipola	358	-3	11	40	12	-21	7	-8	-1
Daytona Beach	494	45	29	32	22	18	38	39	32
Edison	1046	65	123	53	31	81	59	48	87
Florida CC @ Jacksonville	1314	49	86	50	55	40	56	52	49
Florida Keys	78	0	1	9	4	8	3	10	2
Gulf Coast	489	21	26	15	41	31	23	-2	30
Hillsborough	1670	-113	53	123	62	98	106	69	16
Indian River	741	83	55	35	36	32	37	63	123
Lake City	230	12	17	21	13	13	-4	22	-5
Lake-Sumter	283	-4	18	0	17	11	25	19	7
Manatee	822	-13	20	76	86	57	33	4	71
Miami-Dade	6184	143	116	127	352	530	581	320	247
North Florida	183	-3	2	18	0	-5	18	-4	-7
Okaloosa-Walton	630	-40	79	24	14	25	53	23	15
Palm Beach	1668	-71	82	160	145	135	141	124	214
Pasco-Hernando	522	45	21	31	42	45	23	59	48
Pensacola	1084	-2	41	44	56	-5	38	70	-29
Polk	838	-30	26	45	48	50	44	33	19
St. Johns	433	22	23	29	36	11	11	26	27
St. Petersburg	1809	-146	97	118	66	70	67	49	100
Santa Fe	640	-16	23	35	20	24	17	23	6
Seminole	586	-40	23	28	9	3	19	20	0
South Florida	213	11	17	29	-2	6	7	17	15
Tallahassee	611	6	53	32	38	38	13	29	-15
Valencia	1655	216	210	57	68	74	87	131	105
System Totals	28416	694	1683	1342	1557	1686	1841	1499	1558

Division of Community Colleges
Office of Educational Services and Research
Projected Cumulative Impact Change in Headcount from Base Year

College	Base Year 94-95	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04
Brevard	1144	98	233	297	379	463	553	604	768
Broward	2050	309	546	548	724	925	1112	1294	1472
Central Florida	639	47	105	151	177	207	272	302	362
Chipola	358	-3	8	48	59	39	45	38	37
Daytona Beach	494	45	74	106	128	146	184	223	255
Edison	1046	65	188	241	273	354	413	461	548
Florida CC @ Jacksonville	1314	49	134	184	239	279	335	387	436
Florida Keys	78	0	1	11	14	22	25	35	37
Gulf Coast	489	21	47	62	104	135	158	156	185
Hillsborough	1670	-113	-60	63	125	223	329	398	414
Indian River	741	83	138	173	209	241	278	341	464
Lake City	230	12	29	50	63	76	73	95	90
Lake-Sumter	283	-4	14	14	31	42	67	86	93
Manatee	822	-13	7	83	169	227	259	263	334
Miami-Dade	6184	143	260	386	738	1268	1849	2170	2416
North Florida	183	-3	-1	17	17	13	30	26	19
Okaloosa-Walton	630	-40	39	63	77	103	156	179	195
Palm Beach	1668	-71	11	172	316	452	593	717	931
Pasco-Hernando	522	45	66	96	139	184	206	265	313
Pensacola	1084	-2	40	83	139	133	171	241	212
Polk	838	-30	-4	41	90	140	184	217	236
St. Johns	433	22	45	74	110	121	132	158	185
St. Petersburg	1809	-146	-49	69	135	205	272	321	421
Santa Fe	640	-16	7	43	63	87	103	126	132
Seminole	586	-40	-17	11	20	22	41	61	61
South Florida	213	11	29	58	56	62	69	86	101
Tallahassee	611	6	59	91	129	167	180	209	194
Valencia	1655	216	426	483	551	625	712	843	948
System Totals	28416	694	2376	3718	5276	6962	8802	10301	11859

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